

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001500.D
 Acq On : 31 May 2015 07:30
 Operator : TP/IZ
 Sample : G2438-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FG-SP-001-150528

Quant Time: Jun 01 05:53:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 31 07:43:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	13038	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	48984	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	25379	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	48868	5.00	ng	0.00
17) Chrysene-d12	21.01	240	37612	5.00	ng	-0.01
21) Perylene-d12	23.11	264	34797	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	32748	12.76	ng	0.00
3) Phenol-d6	6.57	99	50101	14.97	ng	0.00
7) Nitrobenzene-d5	8.51	82	25608	9.68	ng	-0.03
10) 2,4,6-Tribromophenol	15.57	330	13640	15.16	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	73827	10.04	ng	0.00
18) Terphenyl-d14	19.46	244	49772	9.90	ng	0.00

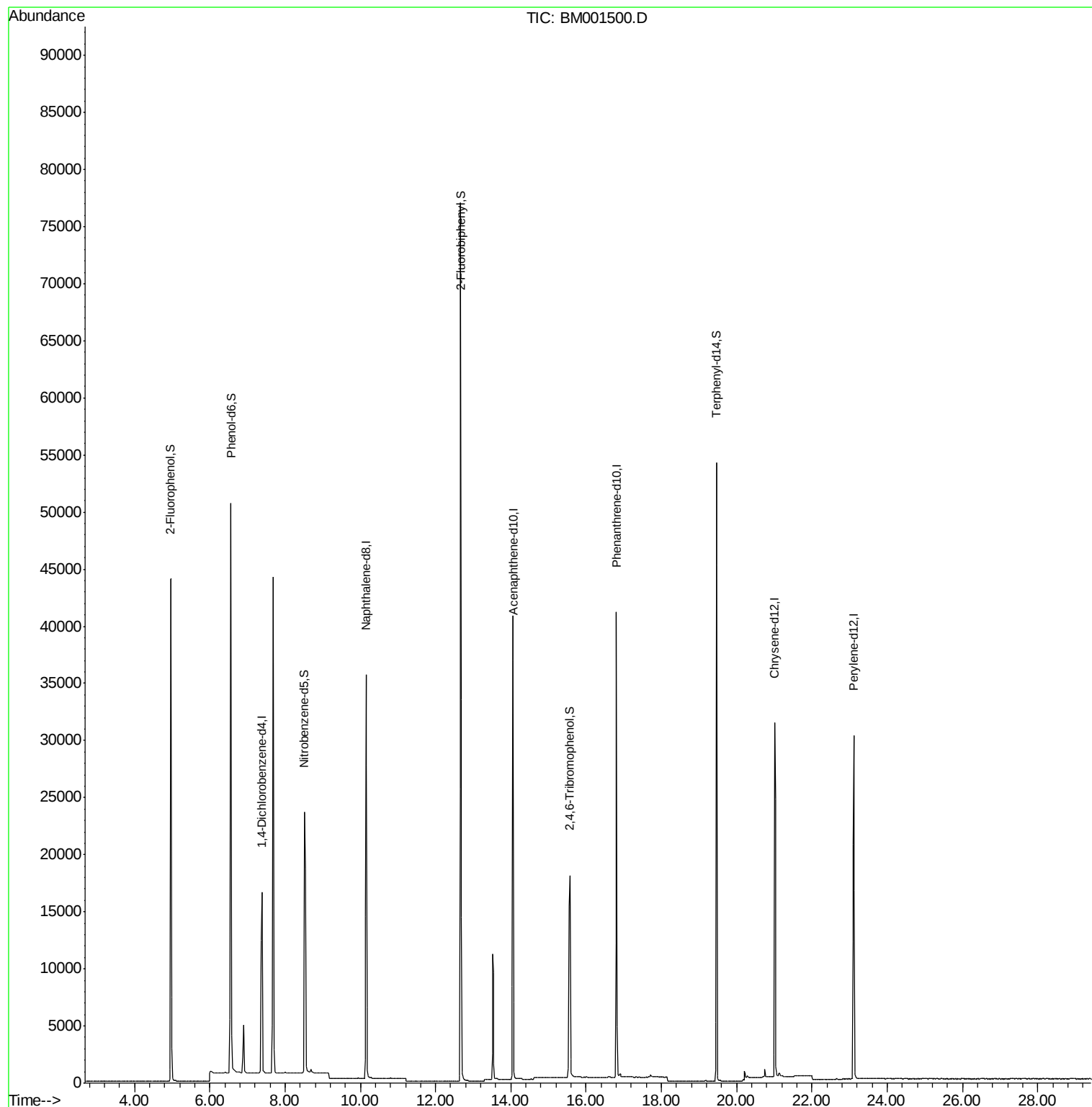
Target Compounds	Qvalue
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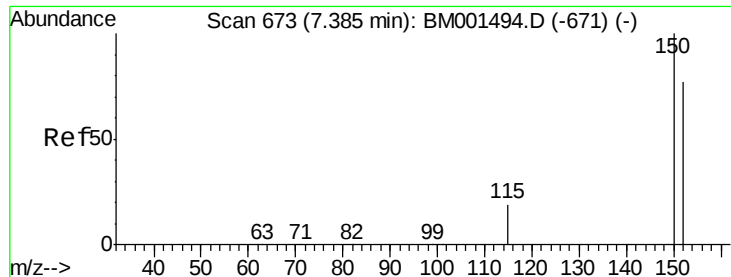
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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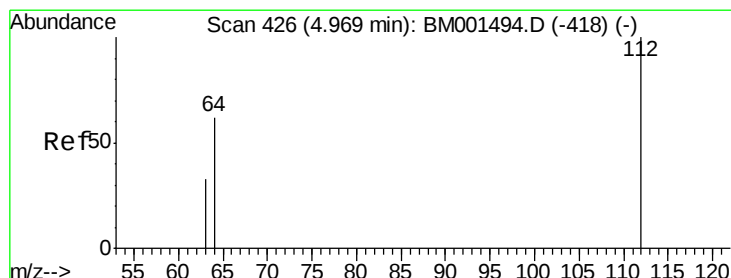
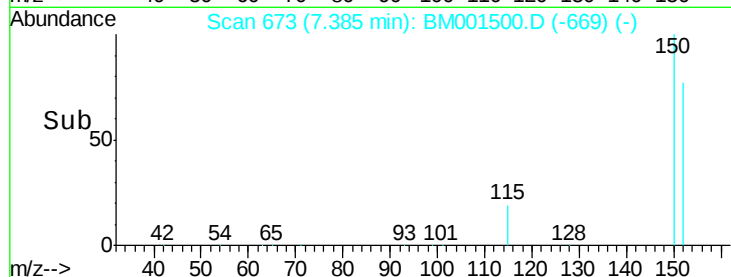
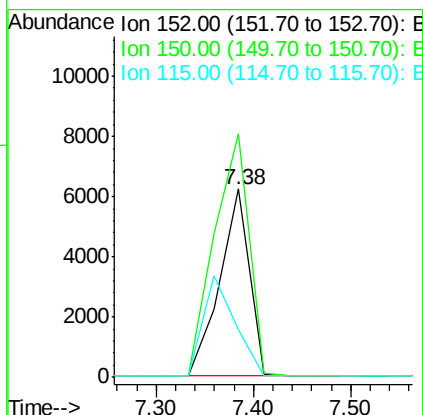
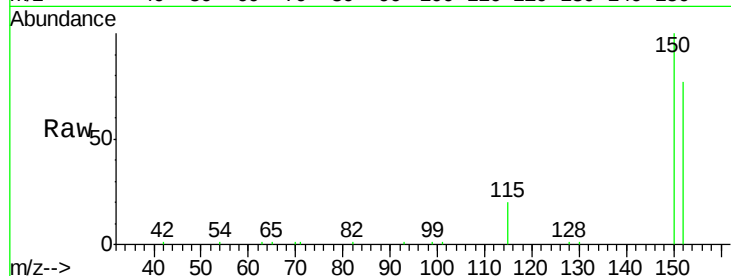


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Instrument :
BNA_M
ClientSampleId :
FG-SP-001-150528

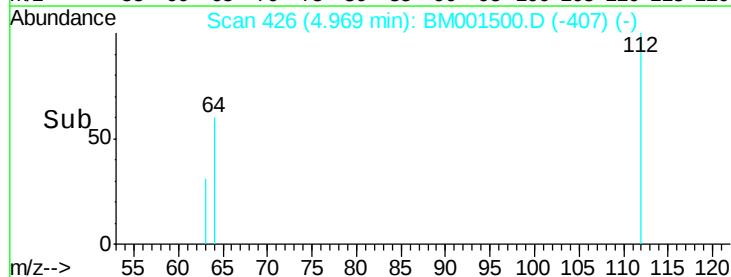
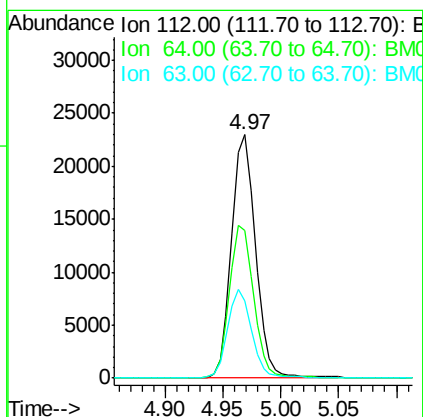
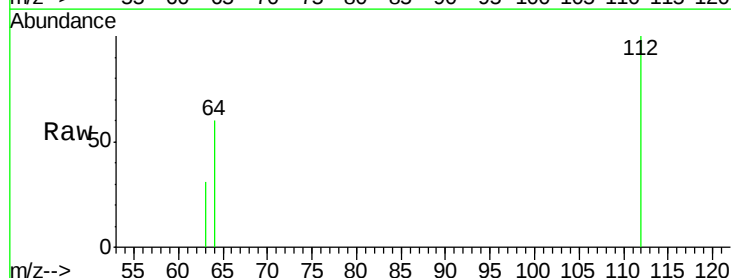
Tgt Ion:152 Resp: 13038
Ion Ratio Lower Upper
152 100
150 129.3 103.8 155.8
115 25.3 20.7 31.1

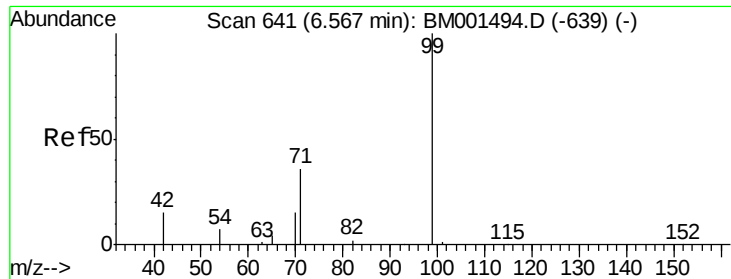


#2

2-Fluorophenol
Concen: 12.76 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Tgt Ion:112 Resp: 32748
Ion Ratio Lower Upper
112 100
64 60.5 50.2 75.2
63 31.5 28.2 42.4





#3

Phenol-d6

Concen: 14.97 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

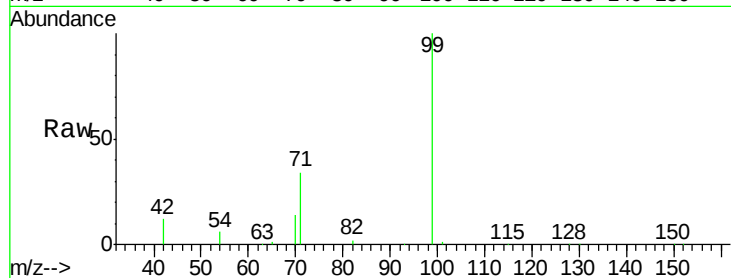
Tgt Ion: 99 Resp: 50101

Ion Ratio Lower Upper

99 100

42 12.5 15.2 22.8#

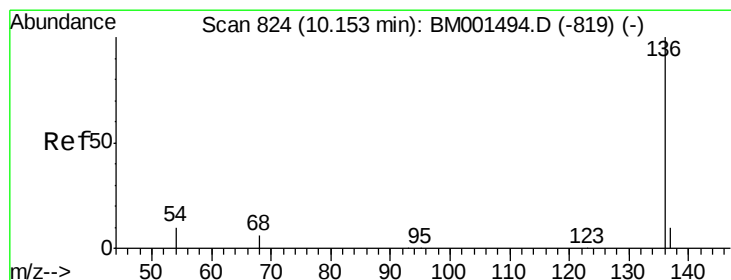
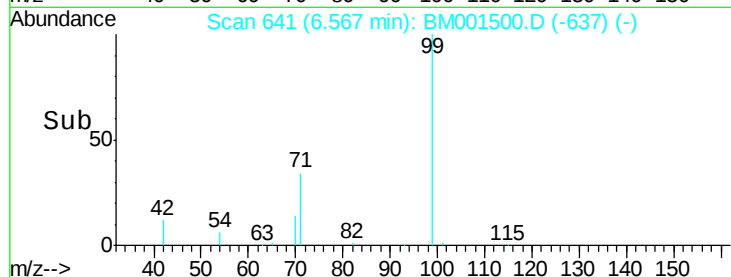
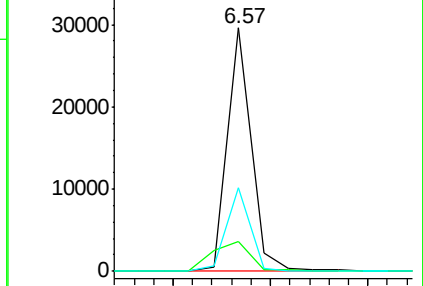
71 34.2 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BM001494.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM001494.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM001494.D (-639) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.15 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Tgt Ion: 136 Resp: 48984

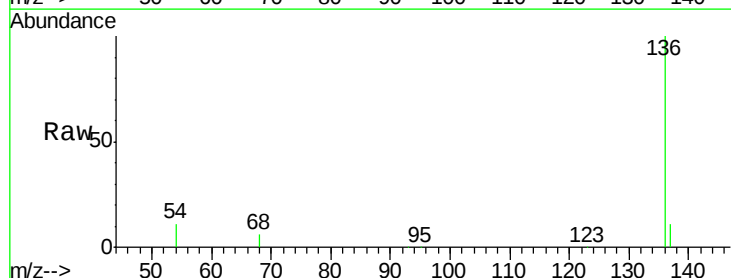
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 11.0 8.5 12.7

68 6.3 5.0 7.4

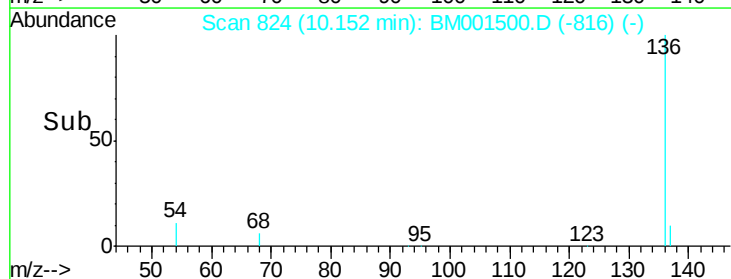
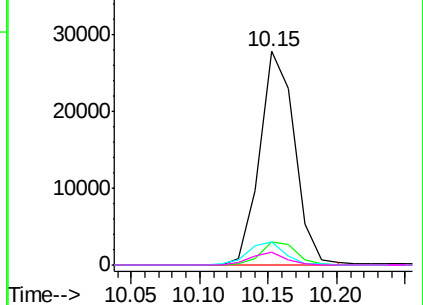


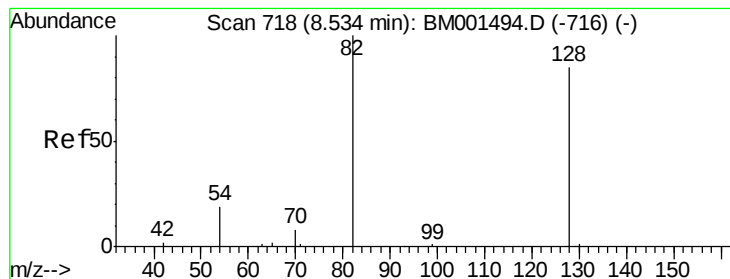
Abundance Ion 136.00 (135.70 to 136.70): BM001494.D (-819) (-)

Ion 137.00 (136.70 to 137.70): BM001494.D (-819) (-)

Ion 54.00 (53.70 to 54.70): BM001494.D (-819) (-)

Ion 68.00 (67.70 to 68.70): BM001494.D (-819) (-)





#7

Nitrobenzene-d5

Concen: 9.68 ng

RT: 8.51 min Scan# 717

Delta R.T. -0.03 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

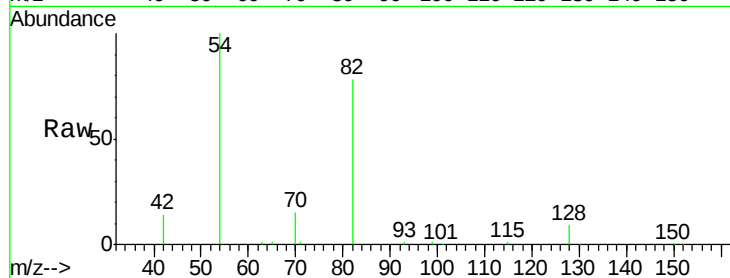
Tgt Ion: 82 Resp: 25608

Ion Ratio Lower Upper

82 100

128 11.0 68.2 102.2#

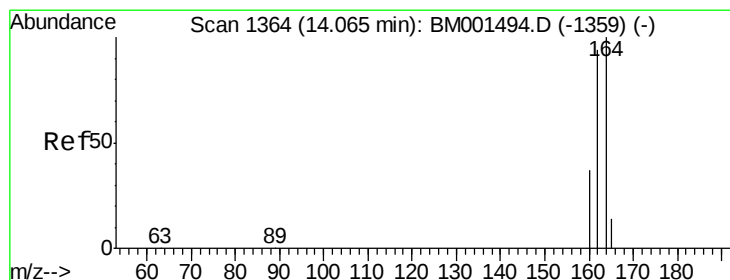
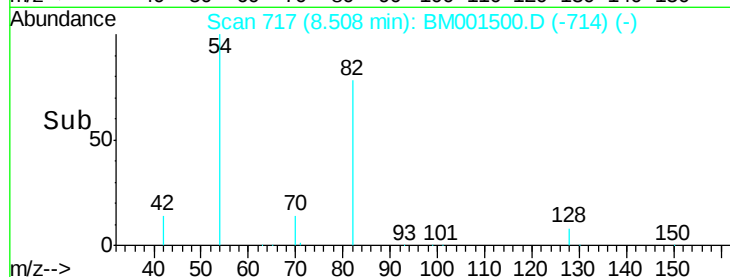
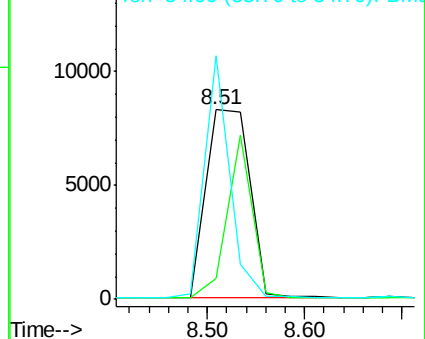
54 128.5 21.0 31.4#



Abundance Ion 82.00 (81.70 to 82.70): BM001494.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BM001494.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BM001494.D (-716) (-)



#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

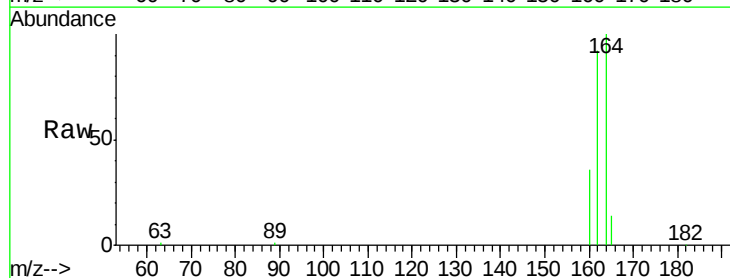
Tgt Ion: 164 Resp: 25379

Ion Ratio Lower Upper

164 100

162 91.8 75.3 112.9

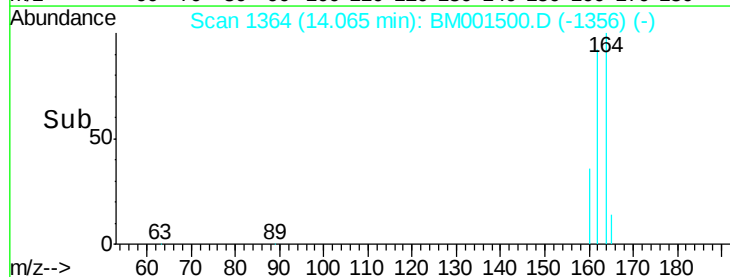
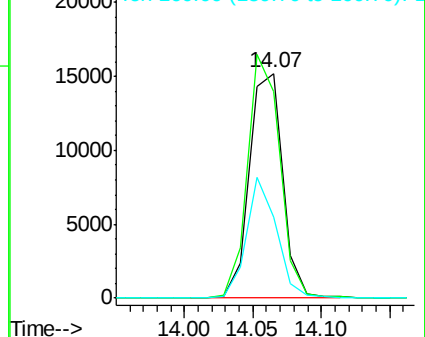
160 36.2 30.1 45.1

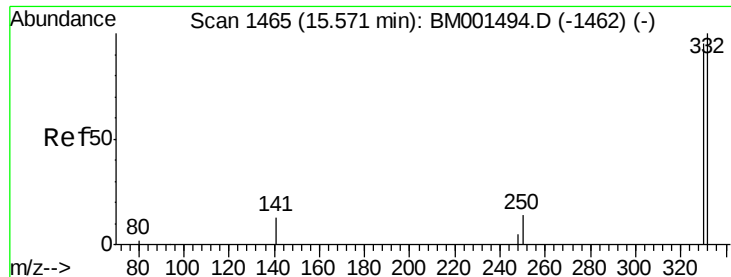


Abundance Ion 164.00 (163.70 to 164.70): BM001494.D (-1359) (-)

Ion 162.00 (161.70 to 162.70): BM001494.D (-1359) (-)

Ion 160.00 (159.70 to 160.70): BM001494.D (-1359) (-)

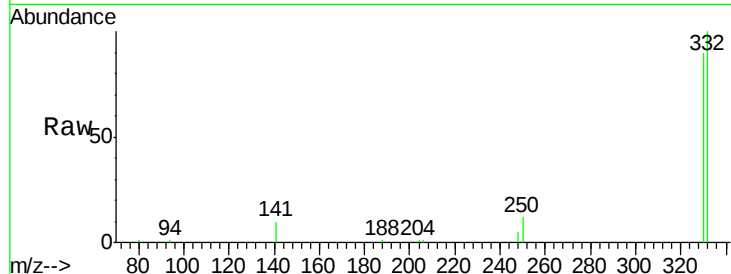




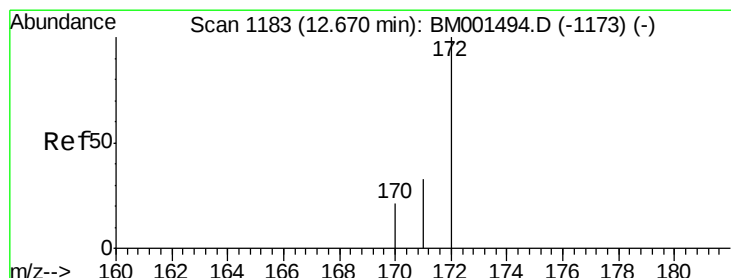
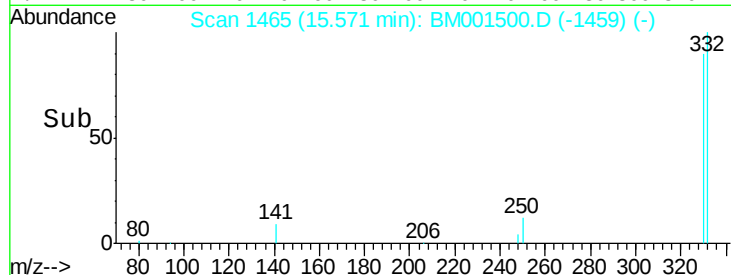
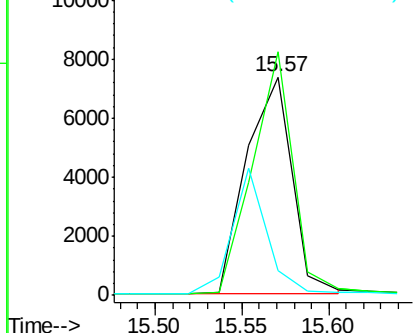
#10
 2,4,6-Tribromophenol
 Concen: 15.16 ng
 RT: 15.57 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BM001500.D
 Acq: 31 May 2015 07:30

Instrument :
 BNA_M
 ClientSampleId :
 FG-SP-001-150528

Tgt Ion:330 Resp: 13640
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.6 116.4
 141 43.3 34.3 51.5

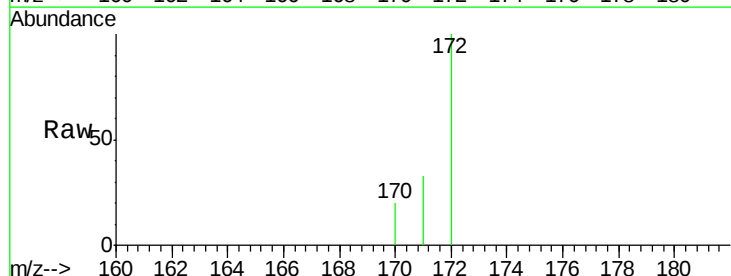


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

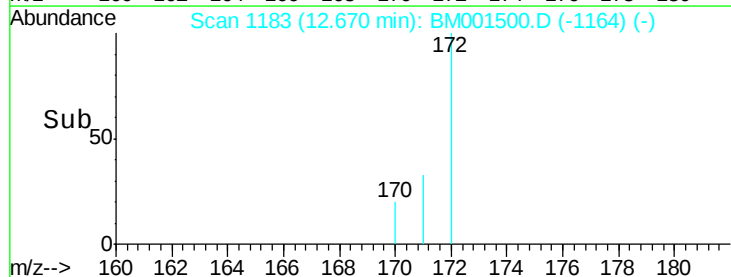
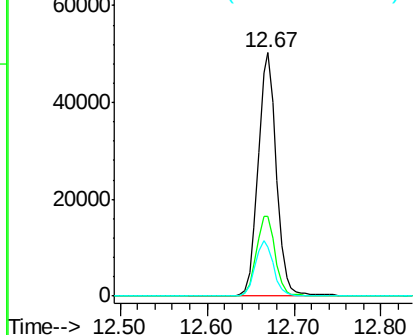


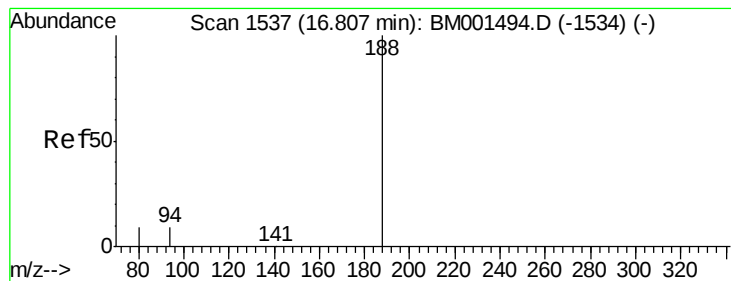
#11
 2-Fluorobiphenyl
 Concen: 10.04 ng
 RT: 12.67 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BM001500.D
 Acq: 31 May 2015 07:30

Tgt Ion:172 Resp: 73827
 Ion Ratio Lower Upper
 172 100
 171 32.9 27.2 40.8
 170 20.4 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

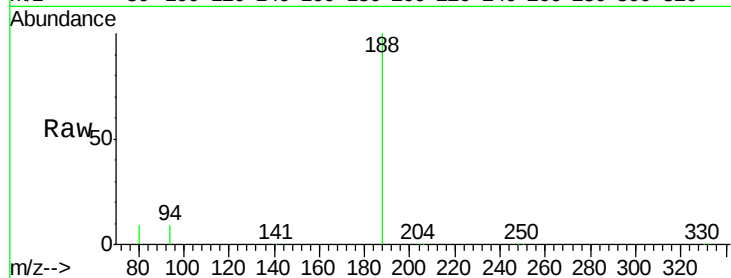
Tgt Ion:188 Resp: 48868

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

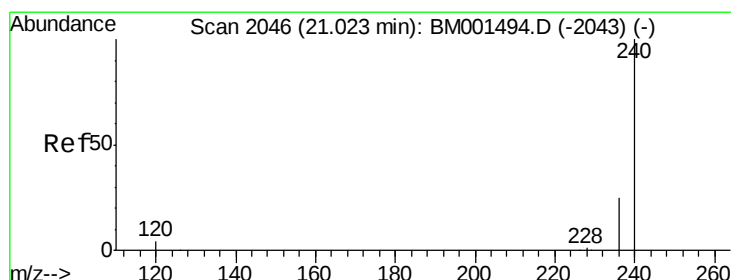
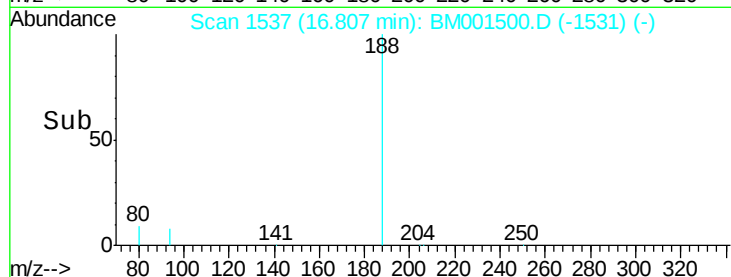
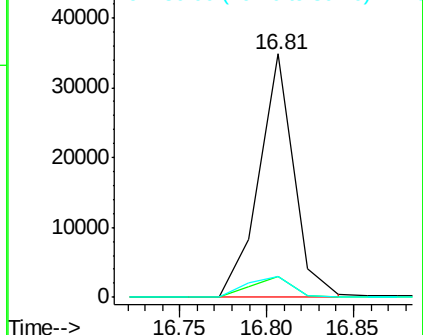
80 8.8 7.3 10.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#17

Chrysene-d12

Concen: 5.00 ng

RT: 21.01 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

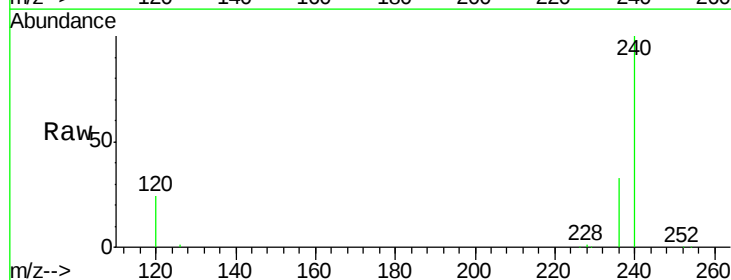
Tgt Ion:240 Resp: 37612

Ion Ratio Lower Upper

240 100

120 23.8 3.7 5.5#

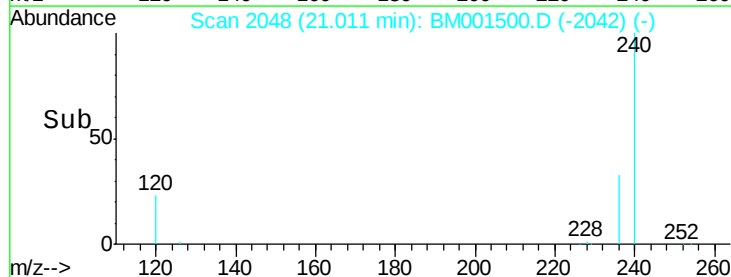
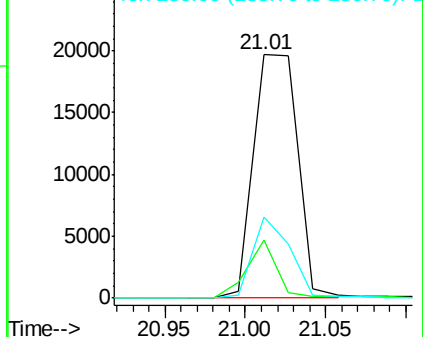
236 33.4 19.8 29.8#

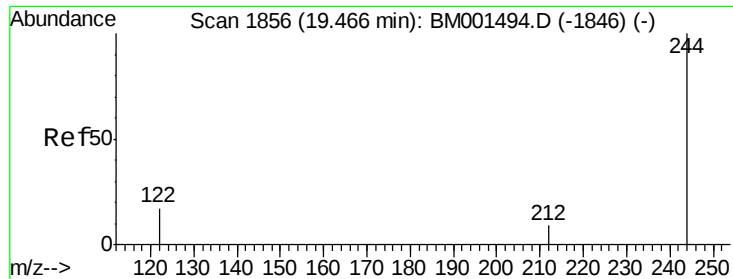


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#18

Terphenyl-d14

Concen: 9.90 ng

RT: 19.46 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

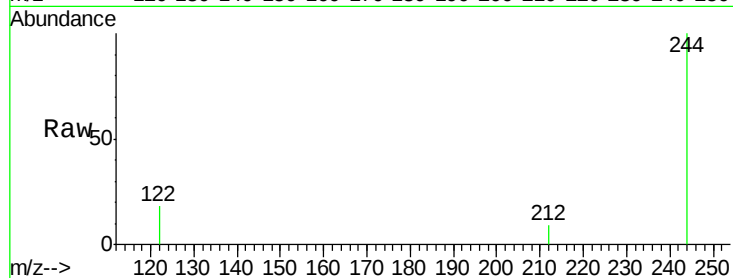
Tgt Ion:244 Resp: 49772

Ion Ratio Lower Upper

244 100

212 9.5 8.0 12.0

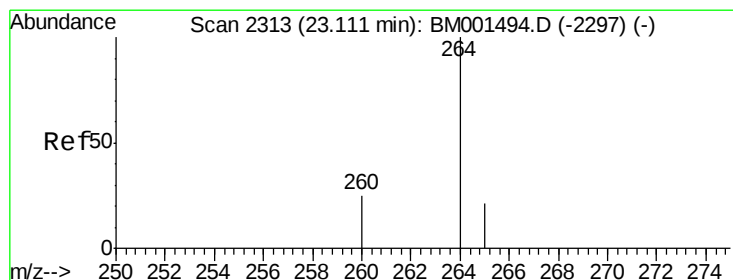
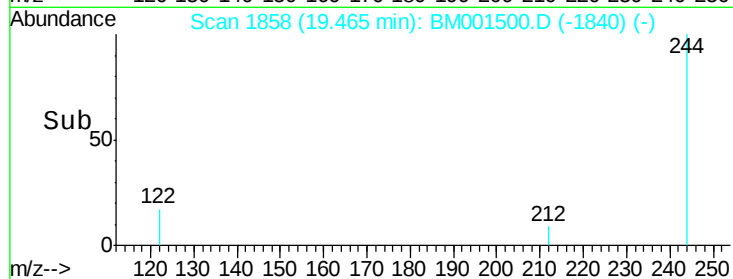
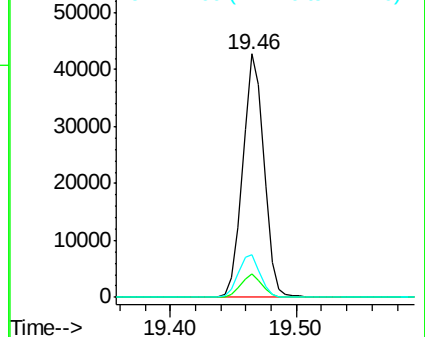
122 17.6 14.1 21.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#21

Perylene-d12

Concen: 5.00 ng

RT: 23.11 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

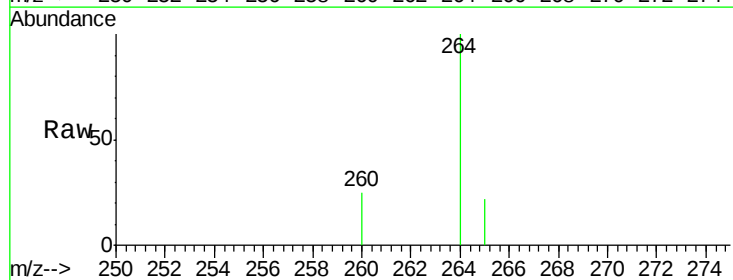
Tgt Ion:264 Resp: 34797

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 22.1 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

